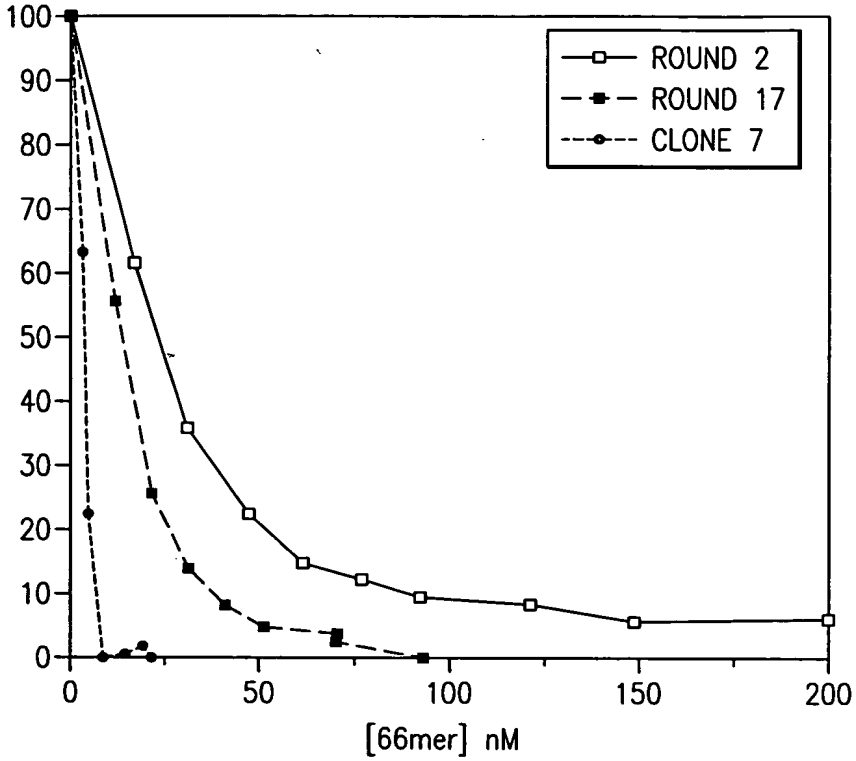


FIG. 1

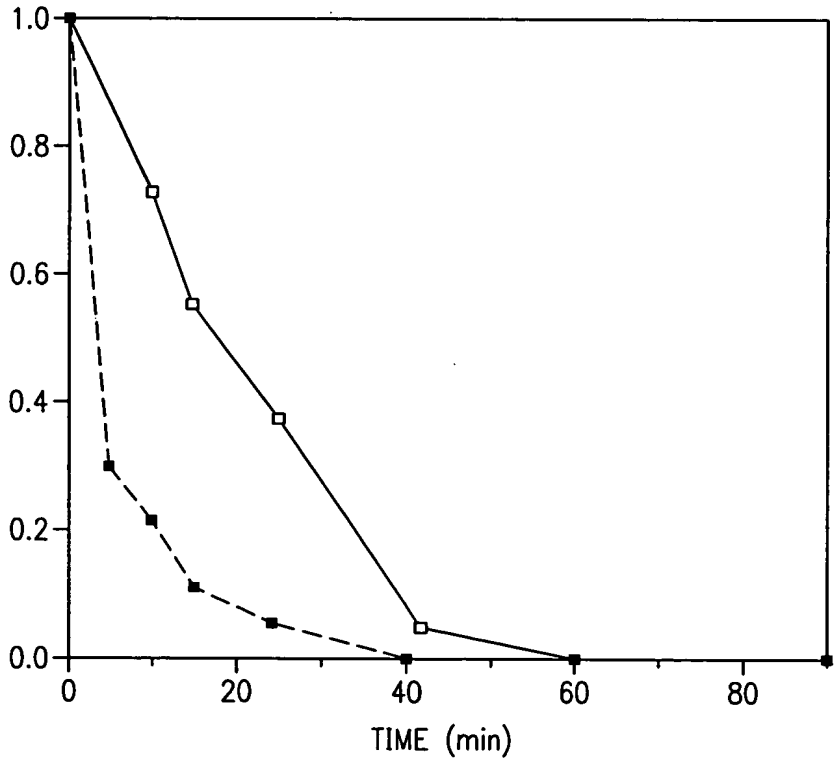


FIG. 2

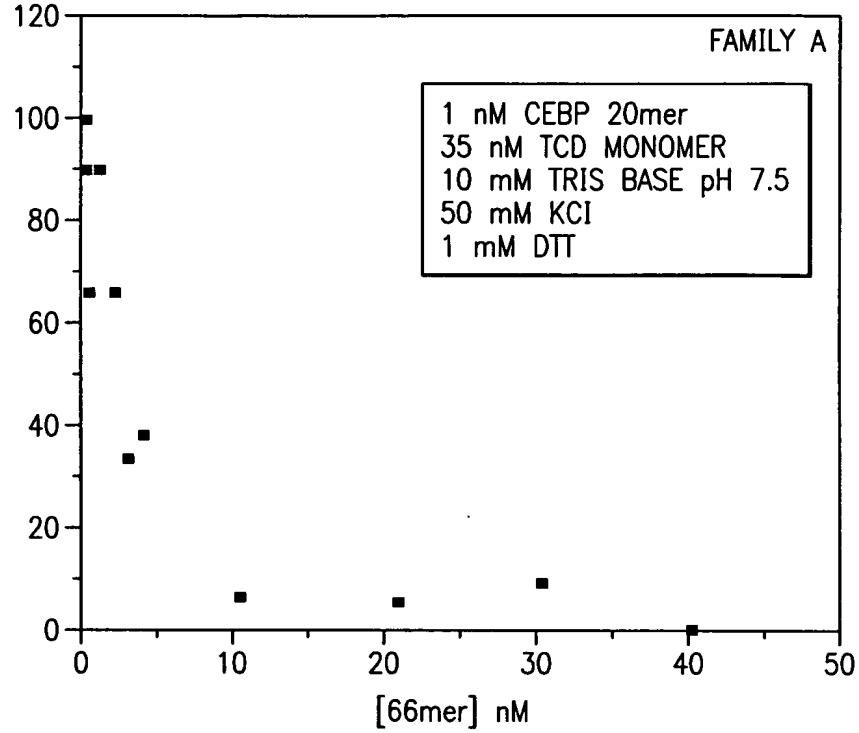


FIG. 3A

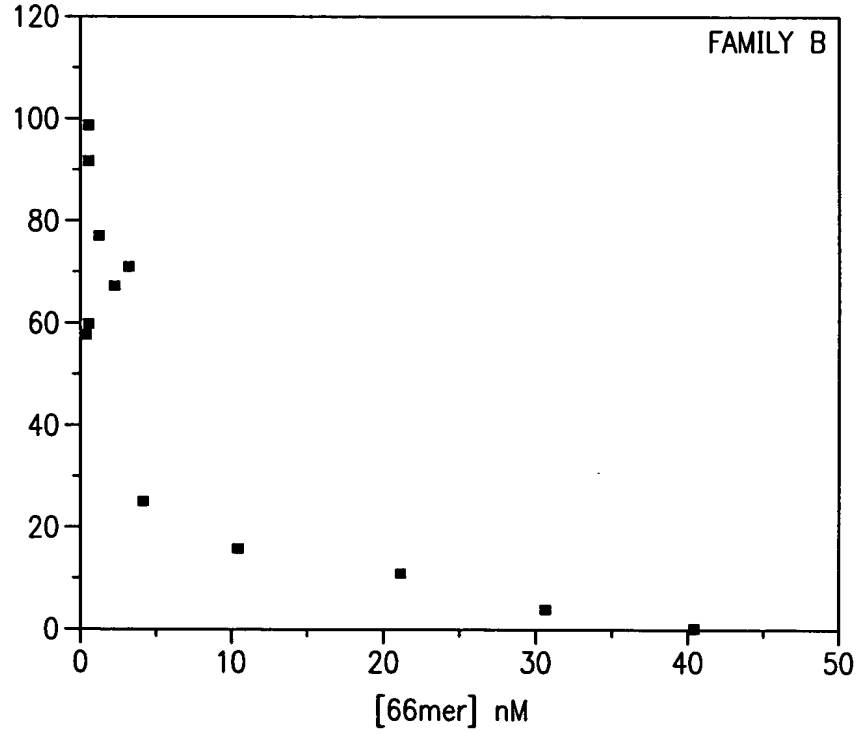


FIG. 3B

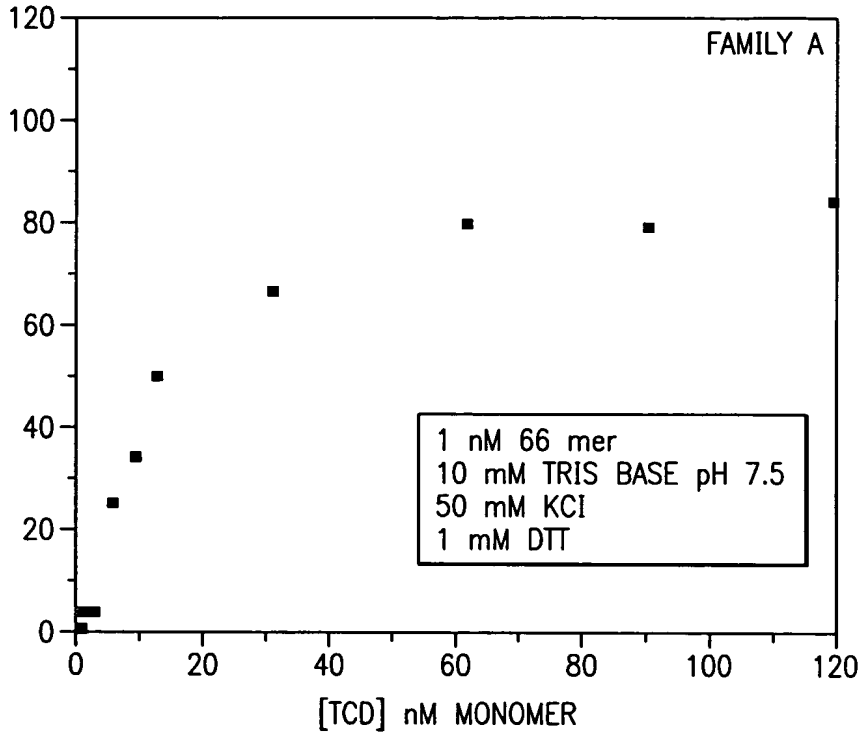


FIG. 4A

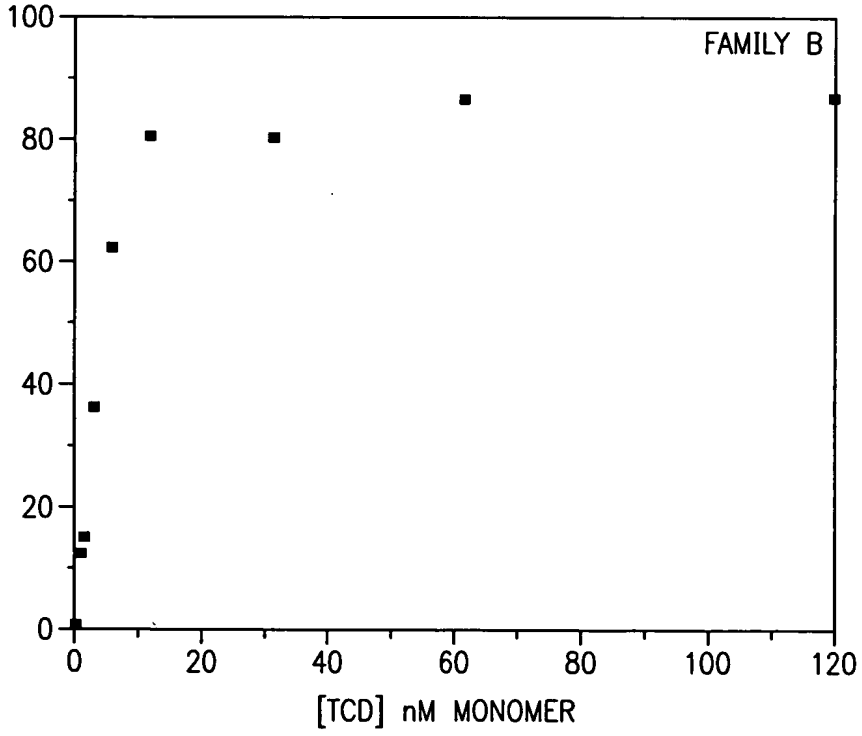


FIG. 4B

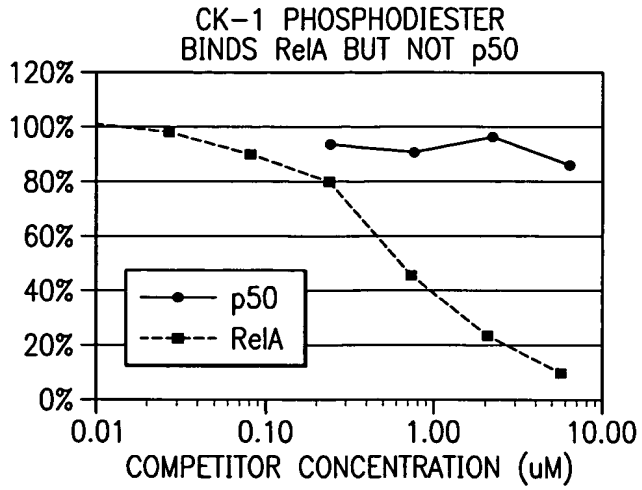


FIG. 5A

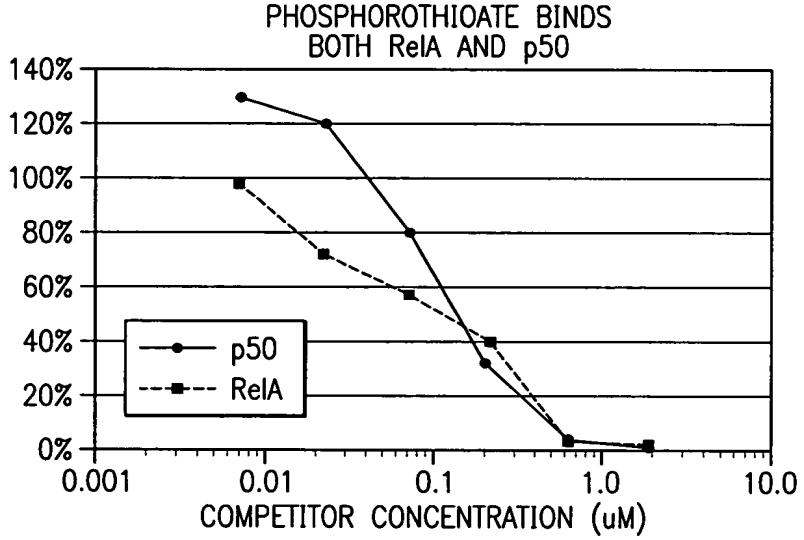


FIG. 5B

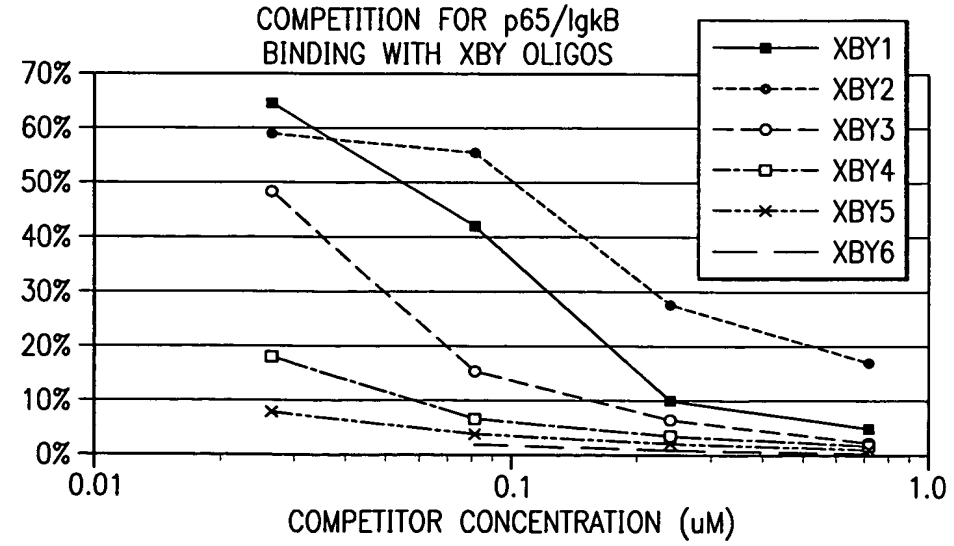


FIG. 6

1)	5'GGG	GCG	GGG	GGA_S	TA_ST	GGA_S	CAC	C3'	(SEQ ID 20)
	3'CCC	CTC	CCC	CCT	A_STA_S	CCT	GTG	G5'	
2)	5'GGG	CTG	GTG	TGG	TA_SG	A_SCT	CCC	C3'	(SEQ ID 21)
	3'CCC	GA_SC	CA_SC	A_SCC	A_STC	TGA_S	GGG	G5'	
3)	5'CCC	GCC	CA_SC	A_SCA_S	CA_SC	CGC	CCC	C3'	(SEQ ID 22)
	3'GGG	CGG	CTG	TGT	GTG	GCG	GGG	G5'	
4)	5'GGG	CCG	GGA_S	GA_SG	A_SA_SC	A_STA_S	GCG	A_SC3'	(SEQ ID 23)
	3'CCC	GGC	CCT	CTC	TTG	TA_ST	CGC	TG5'	
5)	5'CCC	NCN	NNC	A_SCA_S	CA_SC	CGC	CCC	C3'	(SEQ ID 24)
	3'GGG	NGN	NNG	TGT	GTG	GCG	GGG	G5'	
6)	5'GGT	A_STA_S	CTC	TCC	GCC	CCT	CCC	C3'	(SEQ ID 25)
	$3'CCA_S$	TA_ST	GA_SG	A_SGG	CGG	GGA_S	GGG	G5'	
7)	5'CCC	A_SCA_S	TGT	A_SCA_S	CGC	CGC	CCC	CGC CC3'	(SEQ ID 26)
	3'GGG	TGT	A_SCA_S	TGT	GCG	GCG	GGG	GCG GG5'	
8)	5'CCC	A_SCA_S	TGN	A_SCA_S	CNC	CGC	CCC	C3'	(SEQ ID 27)
	3'GGG	TGT	A_SCN	TGT	GNG	GCG	GGG	G5'	

FIG. 7A

GGGCG T A_STA_ST G* TGTG GCGGG GG (SEQ ID 28)

FIG. 7B

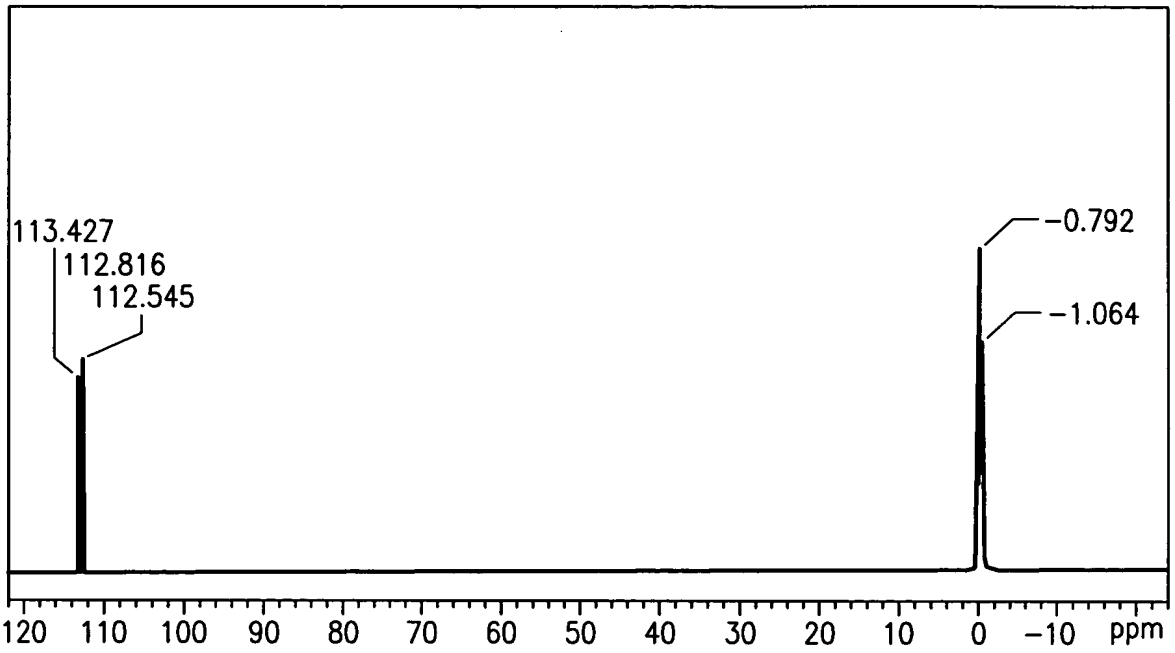


FIG. 8

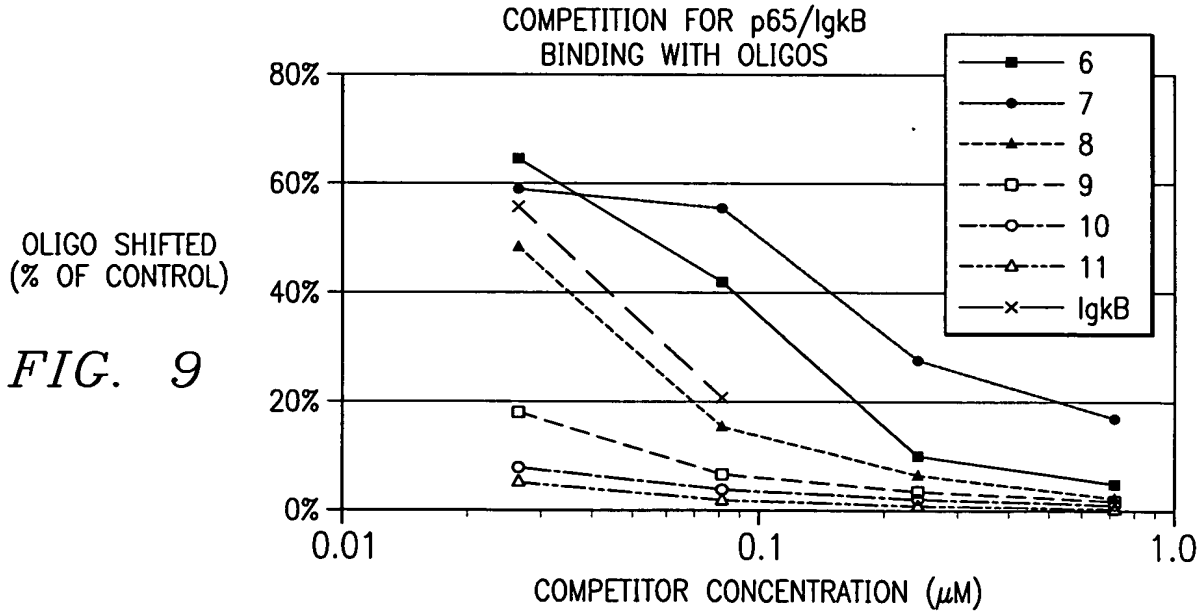
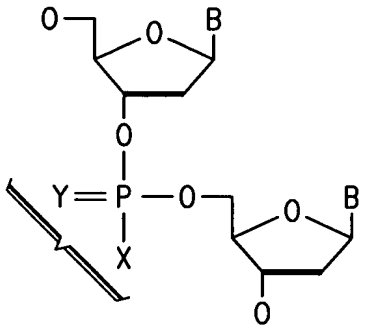


FIG. 9

NATURAL DNA:
Y=O, X=O

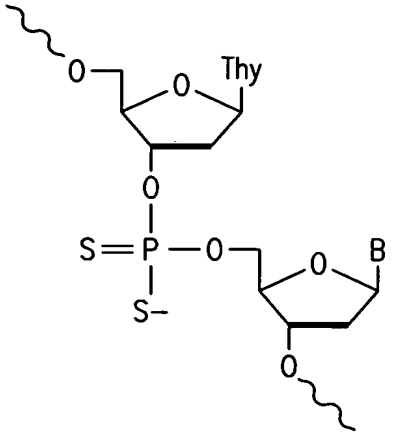
THIOPHOSPHATE:
Y=O, X=S

DITHIOPHOSPHATE:
Y=S, X=S



B=THYMINE, ADENINE, CYTOSINE OR GUANINE

FIG. 10A



THYMIDINE 3'-O-PHOSPHORODITHIOATE

FIG. 10B

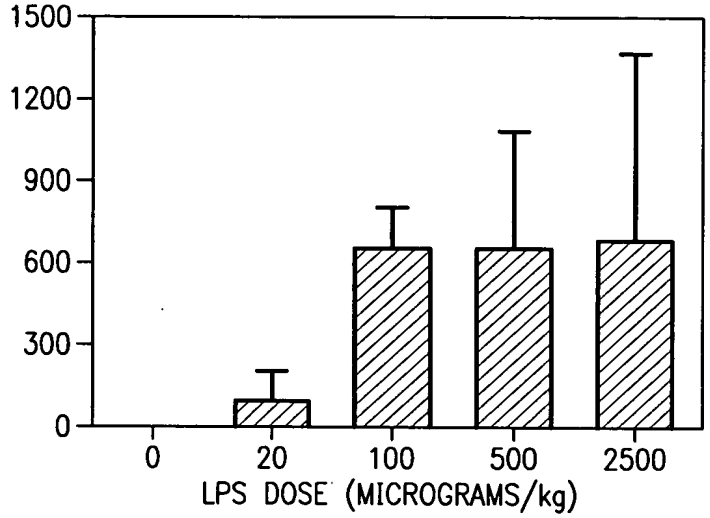


FIG. 11A

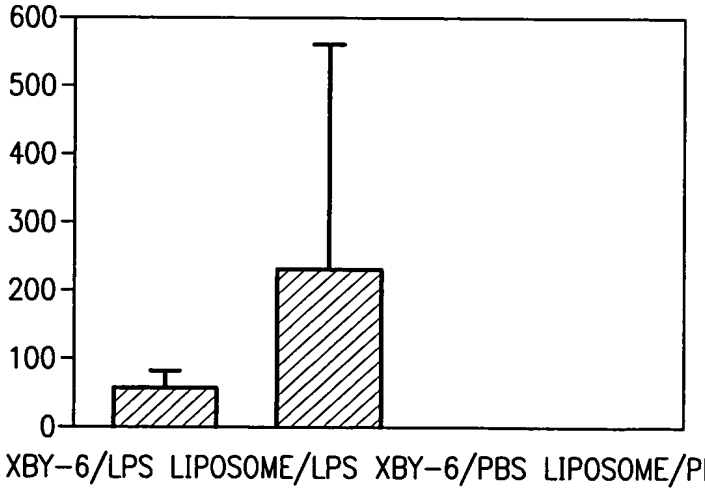


FIG. 11B